

TUROV, Ye.A.; SHAVROV, V.G.

On some galvanomagnetic and thermomagnetic effects in anti-
ferromagnetics. Zhur.eksp.i teor.fiz. 43 no.6:2273-2276 D '62.
(MIRA 16:1)

1. Institut fiziki metallov AN SSSR.
(Magnetic materials)

TUROV, Yevgeniy Abramovich; VONSOVSKIY, S.V., otv. red.; MEDER, V.M.,
red. Izd-va SIMKINA, G.S., tekni. red

[Physical properties of magnetically ordered crystals;
phenomenological theory of spin waves in ferromagnetics,
antiferromagnetics, and weak ferromagnetics] Fizicheskie
svoistva magnitouporiadochennykh kristallov; fenomenolo-
gicheskaya teoriya spinovykh voln v ferromagnetiakh, anti-
ferromagnetiakh i slabykh ferromagnetiakh. Moskva, Izd-
vo AN SSSR, 1963. 223 p. (MIRA 16:10)

1. Chlen-korrespondent AN SSSR, Ordin sekreticheskoy fiziki
Instituta fiziki metallov AN SSSR (for Vonsovskiy),
(Ferromagnetism) (Electromagnetic waves)
(Crystallography)

L 16908-63

EWT(1)/EWP(q)/EWT(m)/BDS AFFTC/ASD/IJP(c) CC/JD

ACCESSION NR: AP3005292

S/056/63/045/002/0349/0352

59

58

AUTHOR: Shavrov, V. G., Turov, Ye. A.

TITLE: Galvanomagnetic effects in ferrimagnets near the compensation point

SOURCE: Zhur. eksper. i teoret. fiz., v. 45, no. 2, 1963, 349-352

TOPIC TAGS: galvanomagnetic effect, ferrimagnet, compensation point, manganese germanium compound, magnetoresistance, Hall effect, Ettingshausen effect, Nernst effect

ABSTRACT: A list of the various galvanomagnetic and thermomagnetic effects caused by ferromagnetic ordering, which can occur in ferrimagnets near the magnetic compensation point, is obtained from an analysis of the symmetry properties of ferrimagnetic crystals. These effects was predicted in earlier papers by the authors (ZhETF, v. 43, 2273, 1962 and Izv. AN SSSR, ser. fiz. v. 27, 1963) on the basis of the general relations between the fluxes and forces, and include characteristic additions to the usual coefficients of transverse (perpendicular to the flux) kinetic effects (Hall, Ettinghausen, transverse Nernst-Ettinghausen, Richieduc), longitudinal effects that are odd in the magnetic field (change in resistivity in

Card 1/2

L 16908-63

ACCESSION NR: AP3005292

a magnetic field, Nernst, effect, longitudinal Nernst-Ettingshausen and Maggi-Righi-Leduc effects), and specific plane-transverse effects such as the "plane Hall effect. A qualitative explanation is given for the odd $\Delta\varphi/\varphi$ effect experimentally observed near the compensation point in the ferrimagnetic compound Mn_5Ge_2 (ZhETF, v. 45, 52, 1963). Orig. art. has 6 formulas.

ASSOCIATION: Institut fiziki metallov Akademii nauk SSSR (Metal Physics Institute of the Academy of Sciences SSSR)

SUBMITTED: 16Feb63

DATE ACQ: 06Sep63

ENCL: 00

SUB CODE: PH

NO REF Sov: 006

OTHER: 000

Card 2/2

SHAFROV, V.G.; TUROV, Ye.A.

Galvanomagnetic effects in ferrimagnetics near the compensation
point. Zhur. eksp. i teor. fiz. 45 no.2:349-352 Ag '63.
(MIRA 16:9)

1. Institut fiziki metallov AN SSSR.
(Ferrimagnetism)

TUROV, Ye.A.; SHAVROV, V.G.

Galvanomagnetic and thermomagnetic effects in antiferromagnetic and ferromagnetic substances. Izv. AN SSSR. Ser. fiz. 27 no.12:1487-1495 D '63. (MIRA 17:1)

1. Institut fiziki metallov AN SSSR.

AM4007935

BOOK EXPLOITATION

8/

TUROV, YEVGENIY AKHIMOVICH

sical properties of magnetic ordered crystals; phenomenological theory of spin waves in ferromagnetics, antiferromagnetics and weak ferromagnetics (Fizicheskiye svoystva magnitouporyado-chennykh kristallov; fenomenologicheskaya teoriya spinovykh voln v ferromagnetikakh, antiferromagnetikakh i slabych ferromagnetikakh) Moscow, Izd-vo AN SSSR, 63. 0223 p. illus., biblio. Errata slip inserted. 2,500 copies printed. At head of title: Akademiya nauk SSSR. Institut fiziki metallov.

TOPIC TAGS: ferromagnetism, antiferromagnetism, magnetically ordered crystals, spin wave theory, weak ferromagnet, antiferromagnetic crystal weak ferromagnetism

PURPOSE AND COVERAGE: The book is for readers acquainted with the main methods and results of the theory of magnetically ordered states

Card 1/4

AM4007935

of matter (ferromagnets and antiferromagnets). Its purpose is to analyze a large group of physical phenomena occurring in ferromagnets and antiferromagnets on the basis of a unified phenomenological spin-wave theory method, using modern general notions concerning the nature of these phenomena and the symmetry properties of crystals. Qualitative and quantitative laws reflecting the relation between the various phenomena in ferromagnets and antiferromagnets are derived, with more emphasis on phenomena connected with weak ferromagnetism in antiferromagnetic crystals. The treatment is restricted to a review and further development of work performed by the author himself or with his participation. The author is grateful to the members of the theoretical physics division of Institut fiziki metallov AN SSSR (Institute of the Physics of Metals, AN SSSR), headed by S. V. Vonsovskiy.

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crystallographically nonequivalent magnetic sublattices -- 184
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SUB CODE: PH, ML SUBMITTED: 17Jun63 NR REF Sov: 073
OTHER: 072 DATE ACQ: 12Dec63

Card 4/4

TUROV, Ye.A.; SHAVROV, V.G.; IRKHIN, Yu.P.

Hall effect in a ferrimagnetic with a compensation point.
Part 2. Theory. Zhur. eksp. i teor. fiz. 47 no.1:296-
299 J1 '64. (MIRA 17:9)

1. Institut fiziki metallov AN SSSR.

ACCESSION NR: AP4042402

8/0056/64/047/001/0296/0299

AUTHORS: Turov, Ye. A.; Shavrov, V. G.; Irkhin, Yu. P.

TITLE: Hall effect in a ferrimagnet with compensation point. II;
Theory

SOURCE: Zh. eksper. i teor. fiz., v. 47, no. 1, 1964, 296-299

TOPIC TAGS: Hall effect, ferromagnetism, antiferromagnetism, Hall
constant, temperature dependence

ABSTRACT: This is apparently a continuation of a paper by two of
the authors (Turov and Shavrov, Izv. AN SSSR, ser. fiz. v. 27,
1487, 1963) and is devoted to an explanation of the temperature
dependence of the Hall emf in a ferrimagnet near the compensation
point. Such a temperature dependence was observed by V. N. Novo-
grudskiy and I. G. Fakidov (ZhETF v. 47, 40, 1964) in the compound
 Mn_5Ge_3 . A qualitative variation of the temperature dependence of

1/3

ACCESSION NR: AP4042402

the ferromagnetic and antiferromagnetic Hall effects is obtained by deriving expressions for these Hall constants using the mechanism of scattering by spin inhomogeneities and a generalization of the calculations made by one of the authors (Yu. P. Irkhin, Sh. Sh. Abel'skiy, FTT v. 6, 1635, 1964) to include two magnetic sublattices, for the calculation of the anomalous Hall coefficient. No accurate and detailed temperature variation can be obtained for these coefficients because of the crudeness of the approximations and because the Hall constants cannot be expressed in terms of the part of the electric resistivity due to the scattering by the spin inhomogeneities. The main conclusion is that the coefficients have no singularities as functions of T at the compensation point. The best that can be expected is no pronounced disagreement. "The authors are grateful to Sh. Sh. Abel'skiy and A. N. Voloshinskiy for advice and remarks." Orig. art. has: 12 formulas.

ASSOCIATION: Institut fiziki metallov Akademii nauk SSSR (Institute

2/3

ACCESSION NR: AP4042402

of the Physics of Metals, Academy of Sciences, SSSR)

SUBMITTED: 26Jan64

ENCL: 00

SUB CODE: SS, EM

NR REF SOV: 003

OTHER: 001

3/3

L 1985-66 EWT(1)/EPA(s)-2/EWT(m)/EWP(w)/T'WP(t)/EWP(b) IJP(c) JD/GG

ACCESSION NR: AP5019238

UR/0056/65/049/001/0248/0256

44,55

5

AUTHOR: Turov, Ye. A.; Kuleyev, V. G. 44,55

48

B

TITLE: On coupled oscillations of electronic and nuclear spins in antiferromagnets

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49, no. 1, 1965,
248-256

21.41

TOPIC TAGS: antiferromagnetism, electron spin, nuclear spin, spin wave

ABSTRACT: The spectrum of coupled oscillations of electronic and nuclear spins (the coupling is due to hyperfine interaction) is calculated and studied in an antiferromagnet in which the axis of antiferromagnetism lies in a plane with small magnetic anisotropy. A mechanism is considered for the relaxation of the oscillations of the nuclear-like branch, which appears because of the hyperfine coupling when account is taken of damping in the electronic spin system. The microwave magnetic susceptibility of the whole spin system is calculated, and the amplification coefficient for nuclear magnetic resonance is found. The spatial dispersion of nuclear-like spin waves is studied, and it is pointed out that such waves can be excited by a uniform microwave field (nuclear spin-wave resonance). Orig. art. has: 1 figure and 37 formulas.

Card 1/2

L 1985-66

ACCESSION NR: AP5019238

ASSOCIATION: Institut fiziki metallov Akademii nauk SSSR (Institute of Metal Physics, Academy of Sciences, SSSR) 44, 55

SUBMITTED: 25 Jan 65

ENCL: 00

SUB CODE: NP, EM

NR REF Sov: 007

OTHER: 007

Card 2/2

DP

TITLE: On the energy gap connected with magnetoelastic energy of

SOURCE: Fizika tverdogo tela, v. 7, no. 1, 1965, 217-226

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610003-1

Card

1 / 2

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~~negative magnetic anisotropy constant, and in particular spontaneous~~

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form 1.8

Card

3/3

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610003-1"

ZHILOV, G.M., inzh.; PARSHINA, G.A., inzh.; RAKHMANOV, Ye.K., inzh.;
TUROV, Yu.Ya., kand. ekonom. nauk

Use of longitudinal-capacitive compensation in ore smelt
furnaces. Prom. energ. 19 no.8:33-37 Ag '64.
(MIRA 17:11)

TUROV, Yu. Ya.; PARSHINA, G. A.

Production of plastics in the U.S.A. from 1962 to 1963.
(MIRA 17:5)
Plast. massy no. 5:68 '64.

TUROV, Yu.Ya.

Petroleum chemistry in the organic-synthesis industry of France.
Khim. i tekhn. topl. i masel 9 no.6:68-71 Je'64 (MIRA 17:7)

TUROV, Yu.Ya.

Development of the production of plastics in the U.S.A.
Plast. massy no.11:67-71 '63. (MIRA 16:12)

TUROV, Yu.Ya., kand.ekonom.nauk

Growth of production and consumption of calcium carbide in
foreign countries. Svar.proizv. no.1:41-42 Ja '63.
(MIRA 16:2)
(Calcium carbide—Statistics)

TUROV, Yu.Ya.

Evaluation of exhaust gases in the production of acetylene.
Khim. i tekhn. topl. i masel 9 no.1:42-44 Ja '64.

(MIRA 17:3)

1. Gosudarstvennyy proyektnyy i nauchno-issledovatel'skiy
institut promyshlennosti sinteticheskogo kauchuka.

TUROV, Yu.Ya.

Production of synthetic products from acetylene in the U. S.
Khim. prom. no.9:66-72 S '61. (MIRA 15:1)
(United States—Acetylene)
(United States—Synthetic products)

TUROV, Yu.Ya.

Acetylene in the industry of organic synthesis of Japan. Khim.
prom. no.3:218-226 Mr '62. (MIRA 15:4)
(Japan—Chemistry, Organic—Synthesis)

TUROV, Yu.Ya.; YUDOVICH, Ye.Ye.

Present state and prospects for the production and consumption of
calcium carbide. Zhur.VKHO no.1:81-86 '62. (MIRA 15:3)
(Calcium carbide)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610003-1

138577-62 EFT(M)/EFT(C)/EFT(P)/EFT(A/C)
ACCESSION NR: AP5011041

JR/0004/64, 000/007/0481/0484

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CIA-RDP86-00513R001757610003-1"

TUROV, Yu.Ya.

Economic evaluation of the different methods used for the
production of acetylene in foreign countries. Khim. prom.
no. 6:521-524 S '60. (MIRA 13:11)
(Acetylene)

TUROV, Yu Ya.

World consumption of calcium carbide in the flame working of metals.
Svar. proizv. no.11:43-44 N '60. (MIRA 13:10)

1. NIIO Giprokauchuka po karbidu kal'tsiya.
(Gas welding and cutting) (Calcium carbide--Statistics)

TUROV, Yu.Ya.

Consumption of petroleum chemicals by the organic synthesis
industry of the German Federal Republic. Khim. i tekhn. topl.
i masel 8 no.6:69-71 Je '63. (MIRA 16:6)

(Germany, West—Chemistry, Organic—Synthesis)
(Petroleum chemicals)

TUROVA, A., professor.

~~Aloes. Nauka i zhizn' 23 no.5:63 '56.~~
~~(BOTANY, MEDICAL)~~

(MLRA 9:8)

TUROVA, A., professor.

Spongilla. Nauka i zhizn' 23 no.6:64 Je '56.

(MLRA 9:9)

(Sponges)

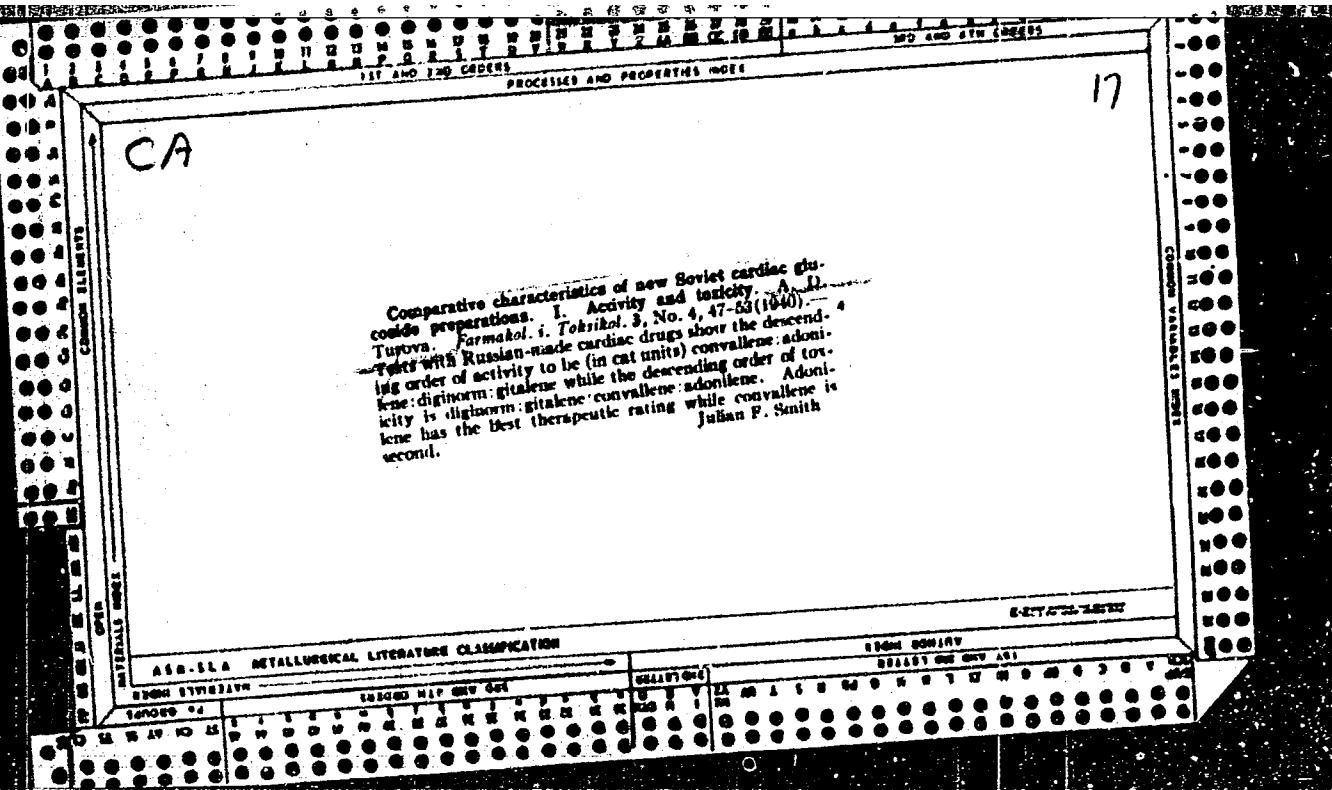
CA

112

The bactericidal properties of xylene solutions of iodine, iodoform, thymol, naphthalene and camphor. A. D. Turova. *Farmatsiya i Farmakol.* 1937, No. 5-6, 10-15; *Chem. Zentr.* 1938, I, 4207. Xylene alone has a bactericidal action on anthrax and coh cultures. Xylene solns of 1% 1 or 2.5% iodoform have a strong bactericidal action and, as a rule, after 1-3 hrs prevent the growth of the cultures. Solns. of 2% thymol or 5% naphthalene in xylene check the growth; solns. of 5% thymol or 10% naphthalene inhibit growth after 24 hrs. Xylene solns. of 20% camphor have only a slight bactericidal effect on cultures of *E. coli*, anthrax and *S. staphylococcus*. Anthracoid was most resistant to the xylene solns.

W. A. Moon

ASB-LSA METALLURGICAL LITERATURE CLASSIFICATION



TUROVA, A. D.

USSR/Chemistry - Botanical Drugs

Jan/Feb 52

"Unused Resources," A. D. Turova, S. I. Maymind,
All-Union Sci Res Inst of Medicinal and Essential
Oil Plants

"Med Prom SSSR" No 1, pp 15, 16

In the chemico-pharmaceutical industry, the value of initial raw material represents 70% of the cost. In order to reduce this cost, organic acids, sugars, ethereal and fatty oils, vitamins, etc., or plants from which alkaloids and glucosides are extracted should be used. In the case of *Artemisia*

20379

USSR/Chemistry - Botanical Drugs
(Contd) Jan/Feb 52

cine, darminol (its essential oil) which consists to the extent of 72% of cineol (an excellent bactericidal agent and the main constituent of oil of eucalyptus) should be used in addition to santonin, the principal product. Alkaloids of *Anabasis aphylla* (anabasine, etc.) occur in the plant in the form of oxalates. The oxalic acid obtained as a by-product of alkaloid extraction should not be discarded. Many tons of oxalic acid per yr can be obtained in connection with the production of anabasine sulfate.

20379

Г.И.

GERASIMENKO, I.I.; LIBIZOV, N.I.; NIKOL'SKAYA, B.S.; SATSYPEROV, P.A.
[deceased]; ITSKOV, N.Ya, kandidat sel'skokhozyaystvennykh nauk,
redaktor; TUROVA, A.D., doktor meditsinskiy nauk, redaktor;
ZHUKOV, G.I., redaktor; BEL'CHIKOVA, Yu.S., tekhnicheskiy redaktor

[Indian datura (D. innoxia Mill] Durman indeiskii. Pod red. N.IA.
Itskova i A.D.Turovoi. Moskva, Gos. izd-vo med. lit-ry, 1953. 77 p.
[Microfilm]

(Datura)

(MLRA 7:10)

TUROVA A.D.
BURMISTROV, F.I.; LIBIZOV, N.I.; MYRAV'YEVA, V.I.; NIKOL'SKAYA, B.S.;
ITSKOV, N.Ya., kandidat sel'skokhozyaystvennykh nauk, redaktor;
TUROVA, A.D., doktor meditsinskikh nauk, redaktor; ZHUKOV, G.I.,
redaktor; BEL'CHIKOVA, Yu.S., tekhnicheskiy redaktor

[Himalyan scopolia] Skopoliia gimalaiskaia. Pod red. N.IA.Itskova
i A.D.Turovoi. Moskva, Gos. izd-vo med. lit-ry, 1953. 86 p.
[Microfilm]
(Scopolia) (MLRA 7:10)

TUROVA, A. D.; BEREZHINSKAYA, V. V.; LESKOV, A. I.

Effect of Berberis amurensis on the uterus. Akush. gin. no. 2:50-51
Mar-Apr 1953. (CIML 24:3)

1. Of the Department of Pharmacology, All-Union Scientific-Research
Institute of Medicinal and Aromatic Plants.

TUROVA, A.D.; ALESHKINA, Ya.A.

Ginseng extract as medicinal remedy. Sovet. med. 17 no.6:31-32 June
1953.
(CIML 24:5)

1. Professor for Turova. 2. Of the All-Union Scientific-Research
Institute of Medicinal and Aromatic Plants of the Ministry of Public
Health USSR.

2020 RELEASE UNDER E.O. 14176

Sinularia lacernaria [Jacob's ladder]. Novitskii, 1953. 114 p.

SG: Monthly List of Russian Aggressions, Vol 7, No 4, July 1978.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001757610003-1"

TUROVA, A.D.

BEREZINSKAYA, V.V.; ZEMLINSKIY, S.Ye.; KUSHKEVICH, E.E.; MURAV'YEVA, V.I.
SATSYPEROV, F.A. [deceased]; ITSKOV, N.Ya., kandidat sel'skokho-
zyayst. nauk, redaktor; TUROVA, A.D., doktor meditsinskikh nauk,
redaktor; ZHUKOV, G.I., redaktor; BEL'CHIKOVA, Yu.S., tekhnicheskiy
redaktor.

[Belladonna] Belladonna. Pod.red. N.IA. Itskova i A.D. Turovoi.
Moskva, Medgiz, 1953. 115 p. (MIRA 7:8)
(Belladonna)

BAN'KOVSKIY, A.I.; ITSKOV, N.Ya., redaktor TUROVA, A.D., redaktor

[Hoary erysimum] Zheltushnik seryi. Pod red. N.Ya. Itsikova i A.D.
Turovoi. Moskva, Medgiz, 1953. 126 p. (MIRA 9:11)
(GLYCOSIDES)

TUROVA, A.D., professor, zaveduyushchaya; ALESHKINA, Ya.A.

Pharmacology of folinerin. Farm. i toks. 16 no.2:35-36 Mr-Ap '53.
(MLRA 6:6)

1. Otdel farmakologii Vsesoyuznogo instituta lekarstvennykh i aromaticheskikh rasteniy.
(Folinerin)

TUROVA, A.D., professor, zaveduyushchiy; POKROVSKAYA, N.V.

Pharmacology of cineol (eucalyptol). Farm. i toks. 16 no.3:28-29 My-Je '53.
(MLB 6:7)

1. Otdel farmakologii Vsesoyuznogo instituta lekarstvennykh i aromaticheskikh rasteniy (VILAR).

TUROVA, A.D., professor; ALESHKINA, Ya.A.

Ginseng extract as a medicament. Sov.med. 17 no.6:31-32 Je '53.
(MLRA 6:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromati-
cheskikh rasteniy Ministerstva zdravookhraneniya SSSR. (Ginseng)

TUROVA, A.D., professor; BUZALADZE, G.V.

Kidney tea (Orthosiphon Stomineus Benth). Sov.med. 17 no.12:
24 D '53. (MLRA 6:12)

1. Iz Vsesoyuzhnogo nauchno-issledovatel'skogo instituta lekarstven-
nykh i aromaticheskikh rasteniy Ministerstva zdravookhraneniya SSSR.
(Kidneys—Diseases) (Botany, Medical)

TUROVA, A.D.; CHUKICHEVA, M.N.; NIKOL'SKAYA, B.S.

[Medicines of plant origin; a pharmacological and clinical study of medicinal plants] Lekarstvennye sredstva pastitel'nogo proiskhozhdeniya; farmakologicheskoe i klinicheskoe izuchenie lekarstvennykh rastenii. Moskva, Medgiz, 1954. 174 p. (MLRA 8:2)
(Pharmacology) (Botany, Medical)

SATSYPEROV, F.A.; DEM'YANETS, P.F.; ZABOLOTNAYA, Ye.S.; ITSKOV, N.Ya.,
redaktor; TUROVA, A.D., redaktor.

[Digitalis] Naperstianka. Pod red. N.IA. Itskova i A.D.Turovoi.
Moskva, Medgiz, 1954. 220 p.
(MLRA 7:11D)

Turova, A. D.
USSR/Medicine - Galénicals

FD-859

Card 1/1 Pub.30 - 10/18

Author : Turova, A. D.

Title : The search for new medicinal agents of plant origin

Periodical : Farm. i toks., 17, 37-39, Jul/Aug 54

Abstract : There is a general discussion of medicinal agents of plant origin now in use in the USSR. This is followed by a list of various diseases and disorders and the plants involved in their treatment. It has been determined that there are over 2,000 plants native to the USSR which can be used for galenical purposes. Of these, only about 300 have been investigated. Further research is being promoted. Five Soviet references are cited.

Institution : All-Union Scientific-Research Institute of Medicinal and Aromatic Plants

Submitted : --

TUROVA, A.D.; NIKOL'SKAYA, B.S.

Brief survey of medicinal flora of Moscow Province (Oka region).
Farm.i tol.s. 17 no.1:54-58 Ja-F '54. (MLRA 7:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i
aromaticheskikh rasteniy.
(Moscow Province--Botany, Medical) (Botany, Medical--Moscow
Province)

TUROVA, A.D., professor; RADBIL', O.O., kandidat meditsinskikh nauk

Cardiovalen. Sov. med. 18 no.10:38 0 '54.
(CARDIOVASCULAR DISEASES, therapy,
mixture of various drugs cardiovalen)
(MLRA 7:11)

TUROVA, A.D., professor, kandidat med. nauk

Neriolin. Sov. med. 18 no.11:41-42 N '54.

(MLRA 7:12)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstvennykh i aromaticheskikh rasteniy.

(CARDIAC GLYCOSIDES

oleander glycosides, neriolin, pharmacol.)

(OLEANDER

glycosides, neriolin, pharmacol.)

TUROVA, Antonina Danilovna, professor; SHIK, M.M., redaktor;
ISLEN'TYEVA, P.G., tekhnicheskiy redaktor.

[New medicinal agents from plants; based on "Sunday lectures" at the Polytechnical Museum] Novye lekarstvennye sredstva iz rastenii; po materialam "Voskresnykh chtenii" Politekhnicheskogo muzeia. Moskva, Izd-vo "Znanie," 1955. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii. Ser.3. no.42) (MLRA 8:12)
(Betany, Medical)

TUROVA, A.D.; SHEVLEV, V.A.; BAN'KOVSKIY, A.I.; ALESHKINA, A.A.

New drug "cardiovalen" for heart diseases. Apt.delo 5 no.3:43-45
My-Je '56. (MIRA 9:8)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstven-
nykh i aromaticheskikh rasteniy (VILAR)
(PHARMACOLOGY) (HEART--DISEASES)

TUROVA, A.D.; ALESHKINA, Y.a.A.

~~Pharmacology of securinine, a new alkaloid. Farm. i toks. 19 no.4: 11-17 Jl-8g '56.~~ (MIRA 9:10)

1. Otdel farmakologii (zav. - prof. A.D. Turova) Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstvennykh i aromaticheskikh rasteniy.

(PHARMACOLOGY) (ALKALOIDS)

USSR / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42389.

Author : Turova, A. D.

Inst : Not Given,

Title : Preparations Containing Cardiac Glycosides.

Orig Pub: Med. prom-st, SSSR, 1957, No 6, 25-28.

Abstract: No Abstract.

Card 1/1

USSR/Pharmacology. Toxicology. Various Preparations
Abs Jour : ref Zhur-Biol., No 8, 1958, 37643
Author : Turova A. N., Nikol'skaya B. S., Trutneva Ye. .
Inst : Not given
Title : On the Pharmacology of Echinopsine, a New Alkaloid (K farmakologii novovo alkaloida ekhinopsina)
Orig Pub : Farmakol. i toksikologiya, 1957, 20, No 3, 23-29
Abstract : Echinopsine (N-methyl--quinolin) (1) was isolated from the globe thistle Echinops ritro L. 1 when administered subcutaneously to mice in doses of 2.5 to 50 mg/kg produced an irritating effect in the animals; the administration of 1 in doses of 100 to 300 mg/kg was marked by a diminution of motor activity, manifestations of inhibition, spasms followed by a state of general depression. A dose of 600 mg/kg was fatal

Card 1/2

USSR/Pharmacology. Toxicology. Various Preparations V

Abs Jour : Ref Zhur-Biol., No 8, 1958, 37643

Abstract : to the experimental mice. l had an irritating effect on the neuro-muscular apparatus (experiments on rats), and a positive effect on the restoration processes in the peripheral nervous system. (experiments on rabbits). A moderate rise in blood pressure was produced by l when administered to cats under medicinal anesthesia. Changes in blood pressure are unstable in urethan anesthesia. The tonus of an isolated heart of the frog rose under the effect of l.

Card 2/2

TUROVA, A.D., prof.

Medical plants. Zdorov'e 4 no.9:17-19 S '58 (MIRA 11:10)
(BOTANY, MEDICAL)

TUROVA, A.D., TRUTNEVA, Ye.A.

Effect on the frog heart of cardiac glycosides associated with barbamil
and valerian. [with summary in English]. Farm. i toks. 20 no.6:
54-55 N-D '57 (MIRA 11:6)

1. Otdel farmakologii (zav. - prof. A.D. Tuрова) Vsesoyuznogo
nauchno-issledovatel'skogo instituta lekarstvennykh i aromaticheskikh
rasteniy.

(AMOBARBITAL, effects,
on heart in frogs, with cardiac glycosides (Rus))

(VALERIAN, effects,
same)

(CARDIAC GLYCOSIDES, effects,
with amobarbital & valerian on heart in frogs (Rus))

TUROVA, A.D.

USSR / Pharmacology, Toxicology, Analeptics

U-3

Abs Jour : Referat Zhur.-Biol., No 1, 1958, No 3400

Author : Turova, A.D., Aleshkina, Ya.A.

Inst : Not given.

Title : Pharmacology of a New Securinin Alkaloid.

Orig Pub : Farmakol. i toksikologiya, 1956, 19, No 4, 11-17.

Abstract : The pharmacological action of securinin was studied in mice and cats. In a dose of 1-10 mg/kg it had a stimulating effect on the CNS (increased reflexes, convulsions, luminal antagonism). Its range of therapeutic action was greater than that of strychnine. Small doses of securinin (0.01-0.2 mg/kg) acting on the cat hearts in situ caused an increase in the amplitude of cardiac contractions; large doses (1-5 mg/kg) had an inhibitory action. There was an

C Card : 1/2

RDP86-00513R0017576100

TUROVA, A.D.

USSR / Pharmacology, Toxicology, Analeptics

U-3

Abs Jour : Referat Zh.-Biol., No 1, 1958, No 3401

Author : Turova, A.D.

Inst : Not given.

Title : A Therapeutic Use of Securinin

Orig Pub : Klinich Meditsina, 1957, 35, No 2, 101-106.

Abstract : 200 patients with various diseases of the CNS [central nervous system] were treated with a nitrate of securinin; 10-20 drops (1:250) were given twice daily per os and 1 ml (1:500) was injected subcutaneously once a day. Securinin had a positive effect on the restoration of motor functions in mild and severe forms of paresis caused by poliomyelitis. By increasing excitatory processes, securinin facilitated recovery from the depressive phase of manic-depressive

Card : 1/2

0017576100

T U R O V A , A . D .
TUROVA, A.D.; NIKOL'SKAYA, B.S.; TRUTNEVA, Ye.A.

Pharmacology of new alkaloid, echinopsin [with summary in English].
Farm. i toks. 20 no.3:23-29 Ky-Je '57. (MIRA 10:10)

1. Otdel farmakologii (zav. - prof. A.D.Turova) Vsesoyuznogo nauchno-
issledovatel'skogo instituta lekarstvennykh i aromaticheskikh raste-
niy.

(ALKALOIDS,
Echinops ritro alkaloid echinopsin, pharmacol. (Rus))

SECURININ

Turova, A. D.
201-106.

"Use of Securinin", by A.D. Turova (Moscow), All-Union Research Institute of Medicinal and Aromatic Plants (VILAR) under N.Ya. Itskov), Klinicheskaya Meditsina, No 2, February 1957,

Securinega suffruticosa Pall. belongs to the family of Euphorbiaceae. Its genus comprises some 15 species spread throughout the temperate and subtropical zones of the world. In the USSR one specie only, namely Securinega suffruticosa Pall., is found in Eastern Siberia. It is 1.5 to 2 m. high and grows on rocky mountain slopes solitarily, or in small clumps. It blooms in July and bears fruits in September. Its leaves and flowers contain a considerable amount of alkaloids (V.N. Chayka).

In 1953, the Division of Chemistry of VILAR isolated from the leaves of Securinega a new alkaloid, and gave it the name of Securinin. Its formula is $C_{13}H_{15}NO_2HNO_3$. It is a white, slightly greyish, crystalline powder, melts at 200°C, and is freely soluble in water (A.I. Ban'dovskiy; V.I. Murav'yeva).

- 46 -

CURININ

experiments
powerful cen-

Card 1/3

following the admi-
stration of Securinin to a.
heart beat. The rhythm
both systole and dia-

2/3

was greatly increased. After the in-
administration of Securinin to a.
increase was: in the brain - 60%,
skeletal muscles - 200% (V.V. Vasil'yeva and I.Ya. Bokhodza).

- 47 -

nists
was un-
told were
ved.

It was also
nimals, the oxy-
duction of 1 me-
liver - 100%, Appar-
yeva and I.Ya. Bokhodza.

Detailed clinical observations of over 200 patients treated with
securinin, conducted by a number of investigators in various clinics,
have shown the effectiveness of Securinin. The author says that on

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TUROVA, A.D.

BEREZHINSKAYA, V.V.; LOSHKAREV, P.M.; TUROVA, A.D.

Krysimine, a cardiac. Med.prom. 11 no.6:32-36 Je '57. (MLRA 10:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i
aromaticeskikh rasteniy
(ERYSIMUM) (CARDIAC GLYCOSIDES)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610003-1

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610003-1"

TUROVA, A.D.

TUROVA, A.D.

Preparations containing cardiac glycosides. Med.prom. 11 no.6:
25-28 Je '57. (MLRA 10:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i
aromaticheskikh rasteniy
(CARDIAC GLYCOSIDES)

TUROVA, A.D.; TRUTNEVA, Ye.A.; TRAVINA, V.F.

Some plants used in popular medicine. Farm. i toks. 20 no. 2:53-54
Mr-Apr '57. (MLRA 10:8)

1. Otdel farmakologii (zav. - prof. A.D.Turova) Vsesoyuznogo nauchno-
issledovatel'skogo instituta lekarstvennykh i aromaticheskikh
rasteniy (PLANTS,
medicinal, used in popular med. (Rus))

TUROVA, A. D., BUZULADZE, G. V.

Orthosiphon stamineus tea. Sovet med 17 no. 12:24 Dec 1953.
(CML 25:5)

1. Professor for Turova. 2. Of the All-Union Scientific-
Research Institute of Medicinal and Aromatic Plants of the
Ministry of Public Health USSR.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610003-1

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610003-1"

TUROVA, A.D.; NIKOL'SKAYA, B.S.

Calendula tablets with nicotinic acid. Med.prom. 10 no.4:19 O-D '56.
(MIRA 10:2)

1. Otdel farmakologii Vsesoyuznogo nauchno-issledovatel'skogo insti-
tuta lekarstvennykh i aromaticheskikh rasteniy.
(CALENDULA) (NICOTINIC ACID)

TUROVA, A.D.; ALESHKINA, Ya.A.

Securinine as a new drug. Med.prom. 11 no.1:54-55 Ja '57. (MLP 10:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticheskikh rasteniy.
(PHARMACOLOGY)

TUROVA, A.D.(Moskva)

Therapeutic use of securinin. Klin. med. 35 no.2:101-106
P '57
(MLRA 10:4)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta
lekarstvennykh i aromaticheskikh rasteniy (VILAR) (dir. N.Ya.
Itskov)

(ALKALOIDS, ther. use
securinin)

TUROVA, A.D., prof.

Poisonous plants. Zdorov'e 5 no.7:22-24 J1 '59.

(POISONOUS PLANTS)

(MIRA 12:11)

TUROVA, A.D.; LESKOV, A.I.

New cardiac glycoside corchoroside A. Farm.i toks. 24 no.2:197-
201 Mr-Ap '61. (MIRA 14:6)

1. Laboratoriya farmakologii (zav. - prof. A,D.Turova) Vsesoyuznogo
instituta lekarstvennykh i aromaticheskikh rasteniy.
(CARDIAC GLYCOSIDES)

VARLAKOV, Mikhail Nikolayevich [deceased]; TUROVA, A.D., prof., doktor
med. nauk; LESKOVA, Ye.S., red.; BASHMAKOV, G.M., tekhn.red.

[Selected works] Izbrannye trudy. Sost. i otredaktirovala
A.D.Turova. Moskva, Medgiz, 1963. 170 p. (MIRA 16:6)
(BOTANY, MEDICAL)

TUROVA, A.D., doktor med. nauk, prof., red.; STOYANOV, B.G., red.;
ROMANOVA, Z.A., tekhn. red.

[Medicinal substances from plants] Lekarstvennye sredstva iz
rastenii. Moskva, Medgiz, 1962. 315 p. (MIRA 15:9)
(MATERIA MEDICA, VEGETABLE)

TUROVA, A.D.; SEYFULLA, Kh.I.; BELYKH, M.S.

Pharmacological study of solasodine. Farm. i toks. 24 no.4:469-474
J1-Ag '61. (MIRA 14:9)

1. Laboratoriya farmakologii (zav. - prof. A.D.Turova) Vsesoyuznogo
instituta lekarstvennykh i aromaticheskikh rasteniy.
(SOLASODINE)

TUROVA, A.D.

Olitoriside, a new cardiac glycoside. Farm. i toks. 24 no. 5:548-554
(MIR 14:10)
S-0 '61.

1. Laboratoriya farmakologii (zav. - prof. A.D.Turova) Vsesoyuznogo
instituta lekarstvennykh i aromaticheskikh rasteniy.
(CARDIAC GLYCOSIDES)

TUROVA, F.D.

~~Polyclinic services for children up to three years of age
with pneumonia [with summary in English]. Pediatriia 36 no.9:3-6
(MIRA 11:11)~~
D '58

1. Iz ottdela organizatsii zdravookhraneniya (rukoveditel' - prof.
A.T. TSeytlin) Nauchno-issledovatel'skogo pediatriceskogo
instituta Ministerstva zdravookhraneniya RSFSR (dir. - kand.
med.nauk V.N. Karachevtseva.
(PENUMONIA, in inf. & child
polyclinic serv. in Russia (Rus))

TUROVA, F. D.
TUROVA, F. D.

Organizing medical services for one-to-two-year-old children in an
outpatient clinic. Pediatriia no.8:62-66 Ag '57. (MIRA 10:12)

1. Iz otdela organizatsii detskogo zdravookhraneniya (rukovoditel' -
prof. A.G.TSeytin) Moskovskogo nauchno-issledovatel'skogo pediatri-
cheskogo instituta (dir. - kandidat meditsinskikh nauk V.N.Karachev-
tseva) na baze Klinicheskoy detskoj bol'nitsy (glavnnyy vrach -
zasluzhennyy vrach RSFSR Ye.V.Prokhorovich)
(CHILDREN--CARE AND HYGIENE)

TUROVA, F. D.

KARACHEVTSEVA, V. N., kand.med.nauk; TUROVA, F.D., kand.med.nauk (Moskva)

Organization of medical services for children in a rural medical
area. Sov.zdrav. 16 no.12:39-42 D '57. (MIRA 11:1)

1. Iz Nauchno-issledovatel'skogo pediatriceskogo instituta (dir. -
kandidat meditsinskikh nauk V.N.Karachevtseva)

(CHILD WELFARE,
in Russia, organiz. of med. serv. for child. in rural
area (Rus))

(RURAL CONDITIONS
in Russia, organiz. of med. serv. for child. (Rus))

TUROVA, F.D.; NAUMOVA, D.G.

Forms of polyclinic care of children under three years of age afflicted with recurring diseases of the upper respiratory tract. Pediatriia 42 no.6:59-64 Je'63 (MIRA 17:1)

1. Iz otdela organizatsii detskogo zdravookhraneniya (rukododitel' - prof. A.G. Tseytin) Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo instituta (dir. - kand. med. nauk V.P.Spirina) i Detskoy bol'nitsy No.6 Kiyevskogo rayona Moskvy (glavnyy vrach D.G. Naumova).

TUROVA, N.F.

Sing] and recurrent seizures in various kinds of animals.
Trudy 1-go MMI 26:123-132 '63.

Isoelectric points of proteins in the brain of animals
during various functional states. Ibid.:211-220

pH value and organic acids in the brain of rats during
exhaustion. Ibid.:221-224

Ribonucleic acid during experimental exhaustion. Ibid.:225-
233

Sorptive properties of the brain of a white rat during experi-
mental recurrent seizures. Ibid.:234-241

State of the proteins in the brain during experimental
exhaustion. Trudy 1-go MMI 26:242-248

New universal apparatus for determining ammonia and carbon
dioxide in the biological fluids and tissues. Ibid.:385-394

Some remarks on a method of cytophotometry. Ibid.:414-416
(MIRA 17:2)

MINASHINA, N.G.; Prinimali uchastiye: TURSINA, T.V.; VINOGRADOVA, L.K.

Salinization and the necessity for the improvement of the soils
irrigated in the past in the zone of the Karakum Canal. Pochvo-
vedenie no.2:9-21 F '64. (MIRA 17:3)

1. Pochvennyy institut imeni V.V.Dokuchayeva AN SSSR.

TUROVA, F. D.

USSR/Medicine - Pediatrics
Medicine - Medical Facilities

Nov/Dec 48

"Initial Experiments in Combining Children's Hospitals With Consultation Groups," P. D. Turova,
Sr Sci Collaborator, Dept for Orgn of Pub Health
Cen Sci Res Pediatric Inst, Min of Pub Health
URSSR, 5 pp

"Pediatricha" No 6

Describes two such experiments designed to give
infants better care and to use cot space more
efficiently. Cites need for improved prophylactic
work. Sci Supervisor, Dept for Orgn of Pub Health
URSSR, 61/49164

USSR/Medicine - Pediatrics (Contd) Nov/Dec 48

Prof A. G. Tseytin, Dir, Cen Sci Res Pediatric
Inst: Prof S. P. Barisov.

61/49164

TUROVA, F. D., Doc Med Sci -- (diss) "The children's hospital.
On forms and methods of organization of work)." Len, 1957.
17 pp including cover (Len Pediatric Med Inst), 230 copies
(KL, 1-58, 120)

- 82 -

TUROVA, Fanya Davydovna; GAYSINSKAYA, Ye.A., red.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001757610003-1
(Children's hospital and medical polyclinic bol'nička
s poliklinikoi. Moskva, Meditsina, 1964. 240 p.)
(MIRA 17:9)

38374

TUROVA, F. D.

Itogi deyatel'nosti ob"edinennykh detskikh bol'-nits. Sov. meditsina,
1949, No 12, s. 34-36

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610003-1

TUROVA, F.D.; BOTUNOVA, L.M.; BOSIK, R.N.; DEMCHENKO, M.P.; VOL'MAN, I.B.

Care of convalescents following pneumonia. Pediatrīia 38 no. 3:72-75
(MIRA 14:1)

Mr '60.

(PNEUMONIA)

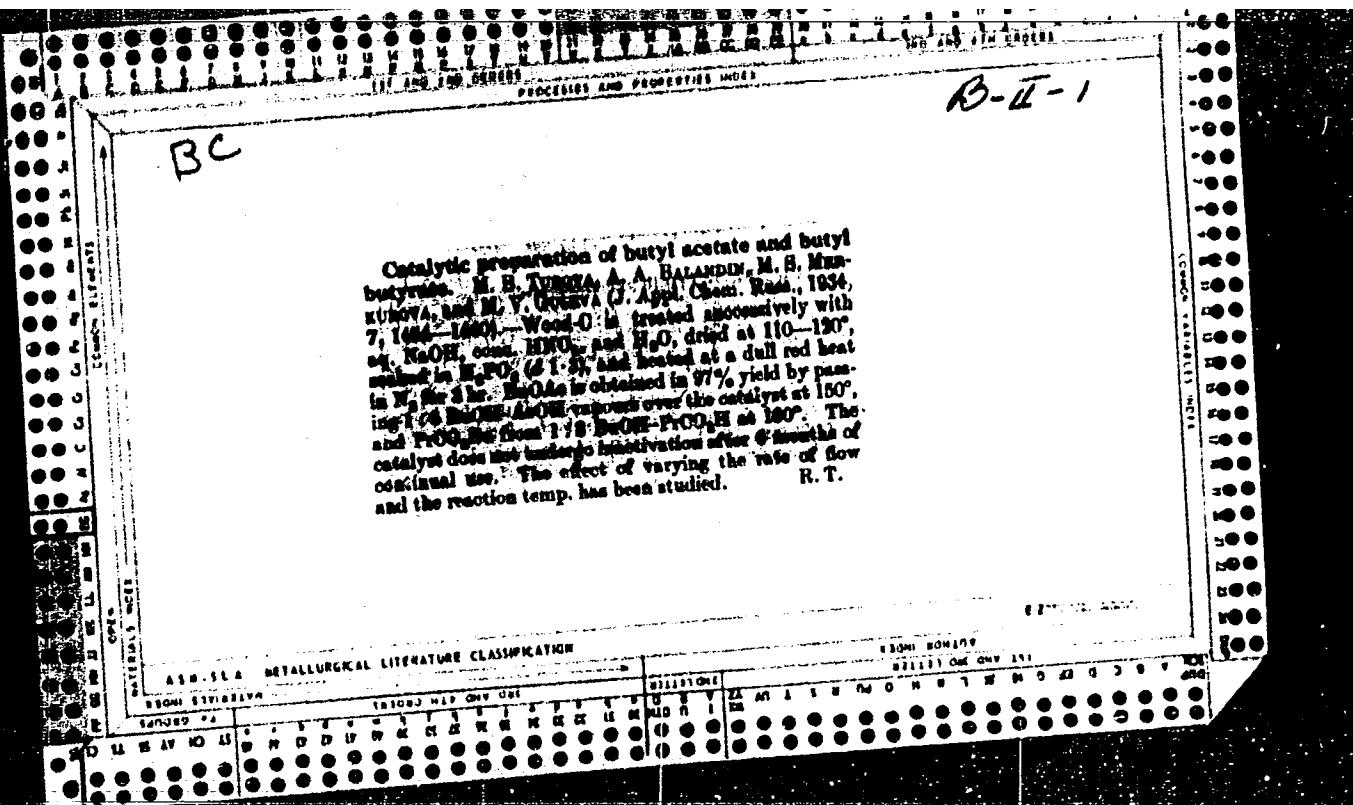
APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001757610003-1"

BC

B-II-1

Catalytic preparation of butyl acetate and butyl butyrate. M. B. TURINA, A. A. BALANDIN, M. S. MIRKUMARIA, AND M. V. KREVET. *J. Appl. Chem. Russ.*, 1934, 7, 1404-1407. Wood-O₂ is treated successively with 5% NaOH, conc. HNO₃, and H₂O₂, dried at 110-130°, and heated in Na₂PO₄/MgO (1:5) and heated at a dull red heat in N₂ for 4 hr. BaOAc is obtained in 97% yield by passing CO through the wood-powder over the catalyst at 150°, and product from 1:10 BaOAc-PtO₂-H₂ at 150°. The catalyst does not undergo inactivation after 6 months of occasional use. The effect of varying the rate of flow and the reaction temp. has been studied. R. T.



CA

Catalytic preparation of butyl acetate and butyl butyrate.
 M. B. Turyna, A. A. Balandin, M. S. Merkurova and
 M. V. Guseva. *J. Applied Chem. (U. S. S. R.)* 7, 1484-90
 (1934).—The catalyst used in the process was prep'd. from
 activated C which was preliminarily treated with alkali
 and strong HNO_3 , followed by removal of nitrate, drying
 at 110-120°, impregnating with H_3PO_4 (d. 1.3) (60 cc.
 acid per 35 g. C) and heating for 3 hrs. to red heat in a
 continuous stream of N_2 , thus leaving 25% of H_3PO_4 in the
 C. The BuOH was obtained from the synthetic rubber
 plant (Lebedev method) and it was hydrogenated to con-
 vert the uncond. alcs. present. It then b. 116-18°, n_D
 1.4010, d₄²⁰ 0.8137. It was found that: (1) the yield of
 the ester decreases very little when increasing the feeding
 velocity from 0.07 to 0.5-0.6 cc. (4-6 to 60-60 drops) per
 min. at a process temp. of 150°, while the ester yield is
 considerably increased at 210° with increase in the feeding
 velocity. A 100% and 88% AcOH produces similar
 results, while the ester yield is immediately greatly reduced
 with 30% and 18% acids. A 98.87% yield of the ester
 was obtained under the above conditions, when using 6
 equivs. of acid to 1 equiv. of alc., and the catalyst did not
 show any deterioration in the entire series of expts. In the

esterification of $PrCO_2H$ with $BuOH$ the highest yield of the
 ester (83.43%) was obtained when using 2 equivs. of acid
 per equiv. of $BuOH$, at a temp. of 180° and a feeding
 velocity of 10-12 drops per min. An increase of the temp.
 at const. feeding velocity lowers the yield, while an in-
 crease of the feeding velocity at 150° affects the yield very
 little. At 210° an increased feeding velocity raises the
 yield. The catalyst used in the 1st expts. was used again
 without any reactivation.

A. A. Boehlingk

AMERICAN METALLURGICAL LITERATURE CLASSIFICATION

SPITSYN, V.I., akad., red.; KOLLI, I.D., kand. khim. nauk, red.; ZHELIGOV-SKAYA, N., kand. khim. nauk [translator]; MEH'KOVA, J., [translator]; PATSUKOVA, N., kand. khim. nauk [translator]; PASHINKIN, A., kand. khim. nauk [translator]; PIKAYEV, A., kand. khim. nauk [translator]; SEMENENKO, K., kand. khim. nauk [translator]; TUROVA, N. [translator]; MANUYLOVA, G.M., red.; RYBKINA, V.P., tekhn. red.

[Inorganic polymers] Neorganicheskie polimery. Moskva, Izd-vo inostr. lit-ry, 1961. 470 p. Translations from foreign journals.
(MIRA 14:13)

(Polymers)

POGODAYEV, K.I.; TUROVA, N.P.

Incorporation of radiomethionine and radiotyrosine into the brain tissue in single and repeated epileptic seizures induced experimentally. Ukr.biokhim.zhur. 31 no.6:849-858 '59. (MIRA 13:5)

1. Institute of Higher Nervous Activity of the Academy of Sciences
of the U.S.S.R.
(TYROSINE) (METHIONINE) (EPILEPSY)

POGODAYEV, K.I.; TUROVA, N.F.; GORDEYEVA, N.P.

Physiological mechanism of the formation of an electroconvulsive seizure resembling epilepsy. Trudy Inst.vys.nerv.deiat.Ser.fiziol.
4:198-209 '60.
(MIRA 13:7)

1. Iz Kabinetra biokhimii mozga Instituta vysshy nervnoy deyatel'nosti AN SSSR, Zavedyushchim kabinetom - K.I. Pogodayev.
(ELECTRICITY--PHYSIOLOGICAL EFFECT) (NERVOUS SYSTEM)

POGODAYEV, K.I.; MEKHEDOVA, A.Ya.; TUROVA, N.F.

State of some metabolic processes in the brain in protective inhibition; medicinal and natural sleep, postparoxysmal comatose state. Trudy 1-go MMI 26:88-99 '63.
(MIRA 17:2)

POGODAYEV, K.I.; TUROVA, N.F.; FAYSFEL'D, L.I.

Activity of proteolytic enzymes of the brain in white rats
after freezing. Trudy 1-go MMI 26:375-378 '63.
(MIRA 17:2)

POGODAYEV, K.I.; SAVCHENKO, Z.I.; OSIPOVA, M.S.; TUROVA, N.F.

Protein metabolism in brain tissues during recurrent epileptic seizures. Ukr. biokhim. zhur. 32 no.6:808-822 '60. (MIRA 14:1)

1. Institute of Higher Nervous Activity of the Academy of Sciences of the U.S.S.R., Moscow.
(PROTEIN METABOLISM) (BRAIN)
(CONVULSIONS)